



UBE2W Monoclonal Antibody

Catalog No	YP-mAb-05977
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	UBE2W UBC16
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	UBE2W Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	UBE2W;UBE2W UBC16;Ubiquitin-conjugating enzyme E2 W (EC 6.3.2.19) (Ubiquitin carrier protein W) (Ubiquitin-conjugating enzyme 16) (UBC-16) (Ubiquitin-protein ligase W)
Observed Band	16kD
Calculated Molecular Weight	16kD
Cell Pathway	Nucleus . In the nucleus, colocalizes with FANCL. .
Tissue Specificity	Widely expressed, with highest expression in brain, liver, pancreas and heart.
Function	catalytic activity:ATP + ubiquitin + protein lysine = AMP + diphosphate + protein N-ubiquityllysine.,function:Catalyzes the covalent attachment of ubiquitin to other proteins.,pathway:Protein modification; protein ubiquitination.,similarity:Belongs to the ubiquitin-conjugating enzyme family.,subunit:Homodimer.,
Background	This gene encodes a nuclear-localized ubiquitin-conjugating enzyme (E2) that, along with ubiquitin-activating (E1) and ligating (E3) enzymes, coordinates the addition of a ubiquitin moiety to existing proteins. The encoded protein promotes the ubiquitination of Fanconi anemia complementation group proteins and may be important in the repair of DNA damage. There is a pseudogene for this gene



on chromosome 1. Alternative splicing results in multiple transcript variants.
[provided by RefSeq, Aug 2012],

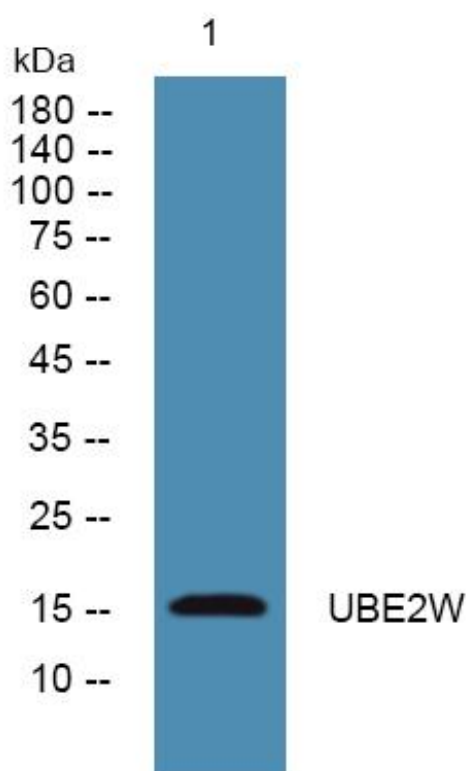
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using UBE2W Monoclonal Antibody